

ARNOLD URBAN DISTRICT COUNCIL.ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH, 1946.

Public Health Department,  
Council Offices,  
ARNOLD,  
Nr. Nottingham.

July, 1947.

To the Chairman and Members of the  
Arnold Urban District Council.

Gentlemen,

I herewith submit my Report of the health of the district for 1946. It shows a satisfactory state of health in the community.

VITAL STATISTICS.

|                  |              |       |                                                                  |                |     |     |       |        |
|------------------|--------------|-------|------------------------------------------------------------------|----------------|-----|-----|-------|--------|
| Population       | ...          | Boys  | 226                                                              | Girls          | 204 | ... | ...   | 20,030 |
| Births           | Live         | "     | 6                                                                | "              | 4   | ... | Total | 430    |
|                  | Still        | "     | 8                                                                | "              | 10  | ... | "     | 10     |
|                  | Illegitimate | "     | 8                                                                | "              | 10  | ... | "     | 18     |
| Deaths           |              | Males | 108                                                              | Females        | 127 |     |       |        |
| Infantile Deaths |              |       | 19                                                               | (Illegitimate) | 3   |     |       |        |
|                  |              |       | 13 of these deaths were due to Immaturity or Congenital defects. |                |     |     |       |        |
| Maternal deaths  | ...          | Nil.  |                                                                  |                |     |     |       |        |

|                                            |      |                 |
|--------------------------------------------|------|-----------------|
|                                            |      | England & Wales |
| Live Birth Rate per 1000 of the population | 21.4 | 19.1            |
| Death rate per 1,000 of the population     | 11.2 | 11.5            |
| Infantile death rate per 1000 live births  | 44.2 | 43              |
| Deaths under 2 years per 1000 live births  |      |                 |
| from Diarrhoea and Enteritis               | Nil  | 4.4             |

These figures show a high birth rate and an average general and infantile death rate.

The natural increase or excess of births over deaths is ... 195

CAUSES OF DEATH.

|                                                | M.  | F.  |
|------------------------------------------------|-----|-----|
| Diphtheria                                     | 1   | -   |
| Cerebro-Spinal Fever                           | 1   | -   |
| Polio-Myelitis                                 | -   | -   |
| Pulmonary Tuberculosis                         | 4   | 2   |
| Other Tuberculosis                             | -   | -   |
| Influenza                                      | 4   | 4   |
| Whooping Cough                                 | -   | -   |
| Syphilis                                       | -   | -   |
| Diarrhoea under 2 years                        | -   | -   |
| Cancer                                         | 13  | 28  |
| Diabetes                                       | -   | -   |
| Bronchitis                                     | 11  | 8   |
| Pneumonia                                      | 6   | 5   |
| Other Respiratory Diseases                     | 1   | 1   |
| Disease of the Brain (Vascular)                | 11  | 20  |
| Peptic Ulcer                                   | 1   | 1   |
| Appendicitis                                   | 1   | -   |
| Other Digestive disease                        | 5   | 4   |
| Nephritis                                      | 3   | 7   |
| Violence, Suicide and Road Traffic Accidents.. | 3   | 3   |
| Premature Birth                                | 5   | 3   |
| Congenital Defects                             | 1   | 4   |
| Heart Disease                                  | 26  | 24  |
| All other Causes...                            | 8   | 6   |
| Other Circulatory Diseases..                   | 3   | 7   |
| TOTALS:                                        | 108 | 127 |



About one third of these deaths were in persons over 75 years. No deaths were recorded from Typhoid, Puerperal Fever, Scarlet Fever and Measles.

INFECTIOUS DISEASES NOTIFIED IN 1946.

|                       | Notified. | Deaths.       | Removed to Hospital. |
|-----------------------|-----------|---------------|----------------------|
| Cerebro-Spinal Fever  | 1         | 1             | 1                    |
| Polionencephalitis    | 1         | -             | 1                    |
| Scarlet Fever         | 25        | -             | 8                    |
| Whooping Cough        | 25        | -             | -                    |
| Diphtheria            | 2         | 1             | 1                    |
| Measles               | 52        | -             | -                    |
| Pneumonia             | 4         | 11            | 1                    |
| Ophthalmia Neonatorum | 2         | -             | 1                    |
| Erysipelas            | 5         | -             | -                    |
| Tuberculosis (lung)   | 13        | 4 (removed to |                      |
| " (other)             | 3         | - sanatorium  | 4)                   |
| Puerperal Pyrexia     | 3         |               | 2                    |

Some small pox contacts from overseas were kept under observation and remained well.

The number of children immunized against Diphtheria in 1946 were:-

Under 5 - 312) 462 or 3944 since 1941  
Over 5 - 150)

making 86% of the child population protected since the start in 1941

TUBERCULOSIS

| Age groups notified. | Non-Respiratory. |   |   |   | Died-Respiratory |   | Non-Respiratory |   |
|----------------------|------------------|---|---|---|------------------|---|-----------------|---|
|                      | M                | F | M | F | M                | F | M               | F |
| Under 1 year         | 1                | - | - | - | 1                | - | -               | - |
| 1 to 5 years         | -                | - | - | - | -                | - | -               | - |
| 5 to 15 years        | -                | - | 1 | - | -                | - | -               | - |
| 15 to 25 years       | 2                | 2 | - | 1 | -                | 1 | -               | - |
| 25 to 35 "           | 4                | 1 | - | - | -                | 1 | -               | - |
| 35 to 45 "           | 1                | 1 | - | - | -                | - | -               | - |
| 45 to 55 "           | 1                | - | - | - | -                | - | -               | - |
| 55 to 65 "           | -                | - | - | 1 | 1                | - | -               | - |
| TOTALS               | 9                | 4 | 1 | 2 | 2                | 2 | -               | - |

|                                                |     |            |     |         |           |
|------------------------------------------------|-----|------------|-----|---------|-----------|
| Number of cases on register                    | ... | ...        | ... | ...     | Jan: 1946 |
|                                                |     |            |     |         | 107       |
| Number of cases added or restored to register  | ... | ...        | ... | ...     | 2         |
| Number of cases removed from register          | ... | ...        | ... | ...     | 13        |
| Number of cases on register December 31st 1946 | ..  | ...        | ... | ...     | 108       |
| Number of new notifications                    | 16  | as against | 16  | in 1945 |           |
| Number of cases written off as recovered       | ... | ...        | ... | ...     | 4         |

GENERAL REMARKS.

Scabies in 1946. There was no prevalence of this complaint.

|                                                |      |     |     |     |    |
|------------------------------------------------|------|-----|-----|-----|----|
| Real cases                                     | .... | ... | ... | ... | 10 |
| Lotion or ointment given                       |      |     | ... | ... | 10 |
| Home Baths                                     | ...  | ... | ... | ... | 20 |
| Attendances by M.O.H. for advice and treatment |      |     |     |     | 13 |

Pediculosis. Bottles of Lothane Oil were sold or given away to a few cases.

The Council's Ambulance facilities are adequate. There is a working arrangement with Carlton U.D.C. and Debdale Isolation Hospital.

Disinfections. Were carried out in 35 cases of infectious or contagious diseases.



### House Refuse Collection and Disposal.

A weekly collection of house refuse was maintained throughout the year.

House refuse is **disposed** of by controlled tipping.

6,555 loads collected, covering 13,909 miles travelled at a total cost of £5,861. 15. 11½d less £1451. 15. 5d for materials sold from salvage, leaving a net cost to the Rates of £4,410. 0. 6½d as compared with £2515. 0. 9d in 1939.

The Water Supply is constant and under the control of the City of Nottingham Water Department.

### The Inspection of Meat and Other Foods.

Meat: Number of visits 95  
Unsatisfactory conditions 0  
Meat condemned 1 pig's head, pluck (T.B.)  
Pigs examined 118.

Other Foods. Number of visits 369  
Unsatisfactory conditions 11  
123 condemnation certificates issued covering the following:-

|                      |             |
|----------------------|-------------|
| Various tinned foods | 76,559 tins |
| Apples               | 42 lbs.     |
| Oranges              | 72 lbs.     |
| Raisins              | 120 lbs.    |
| Cheese               | 25½ lbs.    |
| Margarine            | 5½ lbs.     |
| Sugar                | 5 lbs.      |
| Bacon                | 18 lbs.     |
| Wet fish             | 5 stones    |

### Housing & Public Health Acts:

Premises inspected 1129  
Defects, etc., affecting 675 premises were remedied informally.  
Defects, etc., affecting 165 premises were remedied under Statutory Notices, 15 by Owners and 150 by the Council.

### MATERNITY & CHILD WELFARE

This service has a separate Sub-Committee of the Health Committee with one third co-opted members.

There are two health visitors and a part-time clerk, and a rota of voluntary helpers. There is a joint consulting Obstetrician and a joint consulting Paediatrician.

40 children are cared for by 34 daily "mindes".

The Cripples Guild and the Children's Hospital in Nottingham see cases referred to them by the M.O.H.

There is a Hostel for unmarried mothers in Nottingham.

The Ante-Natal and Post-Natal Clinics are attended by the four general practitioners in the district, who in difficult cases can refer the patient to the consulting Obstetrician through the M.O.H.

The Midwives are supervised by the County.



|                                                 |     |     |     |     |
|-------------------------------------------------|-----|-----|-----|-----|
| Births notified by Midwives                     | ... | ... | ... | 226 |
| Births notified by Institutions - Nursing Homes | ... | ... | ... | 170 |
| Births notified by unknown sources              | ... | ... | ... | 7   |

2 cases of ophthalmia and 3 of puerperal pyrexia - all recovered.

Home Visiting:

|                     |     |     |     |     |      |
|---------------------|-----|-----|-----|-----|------|
| Ante-natal          | ... | ... | ... | ... | 141. |
| Visits under 1 year | ... | ... | ... | ... | 433  |
| Visits over 1 year  | ... | ... | ... | ... | 1300 |
| Special Visits      | ... | ... | ... | ... | 1808 |

There are three separate Maternity and Child Welfare Centres.

The total attendances were 9,699.

390 new infants received cards and 3 children over 1 year.

The Ante-natal Clinic held 47 sessions; saw 305 expectant mothers who made 712 attendances.

48, mothers attended post-natally.

27,643 bottles of orange juice.

5,063 bottles of cod liver oil Food Office

1,316 packets of A. & D vitamins

There are 6 part-time home helps.

DENTAL TREATMENT.

Expectant and Nursing Mothers.

|                                |     |     |     |     |
|--------------------------------|-----|-----|-----|-----|
| Referred for dental inspection | ... | ... | ... | 96  |
| Attendances made               | ... | ... | ... | 240 |
| Inspected                      | ... | ... | ... | 67  |
| Commencing course of treatment | ... | ... | ... | 43  |
| Extractions                    | ... | ... | ... | 190 |
| "Gas" Administrations          | ... | ... | ... | --- |
| Fillings inserted              | ... | ... | ... | 80  |
| Impressions taken for dentures | ... | ... | ... | 38  |
| Dentures inserted              | ... | ... | ... | 23  |
| Miscellaneous operations       | ... | ... | ... | 55  |
| Completed cases                | ... | ... | ... | 21  |

Pre-schoolchildren.

|                                |     |     |     |    |
|--------------------------------|-----|-----|-----|----|
| Referred for dental inspection | ... | ... | ... | 16 |
| Attendances made               | ... | ... | ... | 27 |
| Inspected                      | ... | ... | ... | 16 |
| Commencing course of treatment | ... | ... | ... | 15 |
| Extractions                    | ... | ... | ... | 14 |
| "Gas" Administrations          | ... | ... | ... | -- |
| Fillings inserted              | ... | ... | ... | 23 |
| Teeth                          | ... | ... | ... | -- |
| Miscellaneous operations       | ... | ... | ... | -- |

The care of the premature infant and the illegitimate child has been stressed recently, with hospital treatment for prematures under 4 lbs and foster parents for the illegitimate through the Office of a County Lady Almoner. There will not be any material life-saving in the case of premature infants unless a unit can be established in a hospital, away from the General Wards, where a competent and experienced staff can deal with the intricacies of feeding, warmth and freedom from infection, that such infants require.



This Authority has the required outfit for lending out privately to homes where the infant is premature.

25 premature infants - 8 of whom died before 1 month.

Public Analyst's Report.

|                 |    |           |         |       |           |          |           |        |    |        |
|-----------------|----|-----------|---------|-------|-----------|----------|-----------|--------|----|--------|
| T.T.Milk        | -  | 6         | samples | taken | 3         | complied | 3         | failed | to | comply |
| Accredited Milk | 18 | "         | "       | "     | 13        | "        | 5         | "      | "  | "      |
|                 |    | <u>24</u> |         |       | <u>16</u> |          | <u>8.</u> |        |    |        |

Number of informal samples of milk tested by the Inspector.

|                          |           |         |           |         |
|--------------------------|-----------|---------|-----------|---------|
| Taken by the Inspector   | 34        | samples | 34        | correct |
| Submitted by Milk Vendor | 2         | "       | 2         | "       |
|                          | <u>36</u> |         | <u>36</u> |         |

22 samples of food stuffs were analysed and 20 found genuine.

10 Pasteurised milk samples were analysed and 8 found correct.

17 ordinary milk samples were all correct.

Yours faithfully,

P. H. DEENY, M.B.,B.CH.,D.P.H.,  
Medical Officer of Health.

